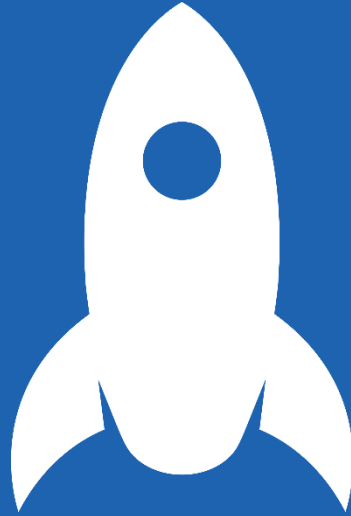




GDPR Compliant Test Data for Continuous Testing

Andreas Günther, Austrian Testing Board 13.06.2018



Be the leader in software testing with the most
innovative testing products that enable our
customers to deliver high quality software

Tricentis **Vision**

Agenda

- 1 **GDPR** – a blessing in disguise
- 2 **DevOps** – Test automation is the key
- 3 **Professional Test Data Management** –
not only a prerequisite for compliance
- 4 **Tosca - Test Data Management, powered by Q-up:**
The complete solution for efficient Test Data Management

GDPR

General Data
Protection Regulation



Protects
**Personally Identifiable
Information** (PII) of all EU
citizens



A **regulation**, not
a **directive**.



Effective Date
May 25, 2018.

4%

Fine of up to **4%** of the
worldwide turnover.

Test data: more sensitive than ever before

- No test data - no test
- Search for test data: high cost factor
- Test data provisioning: binding resources
- Test data management knowhow: internally available?
- EU-GDPR: massive protection of personal data

Potential Fines and **Civil lawsuits!**



Agenda



GDPR – a blessing in disguise

2

DevOps – Test automation is the key

3

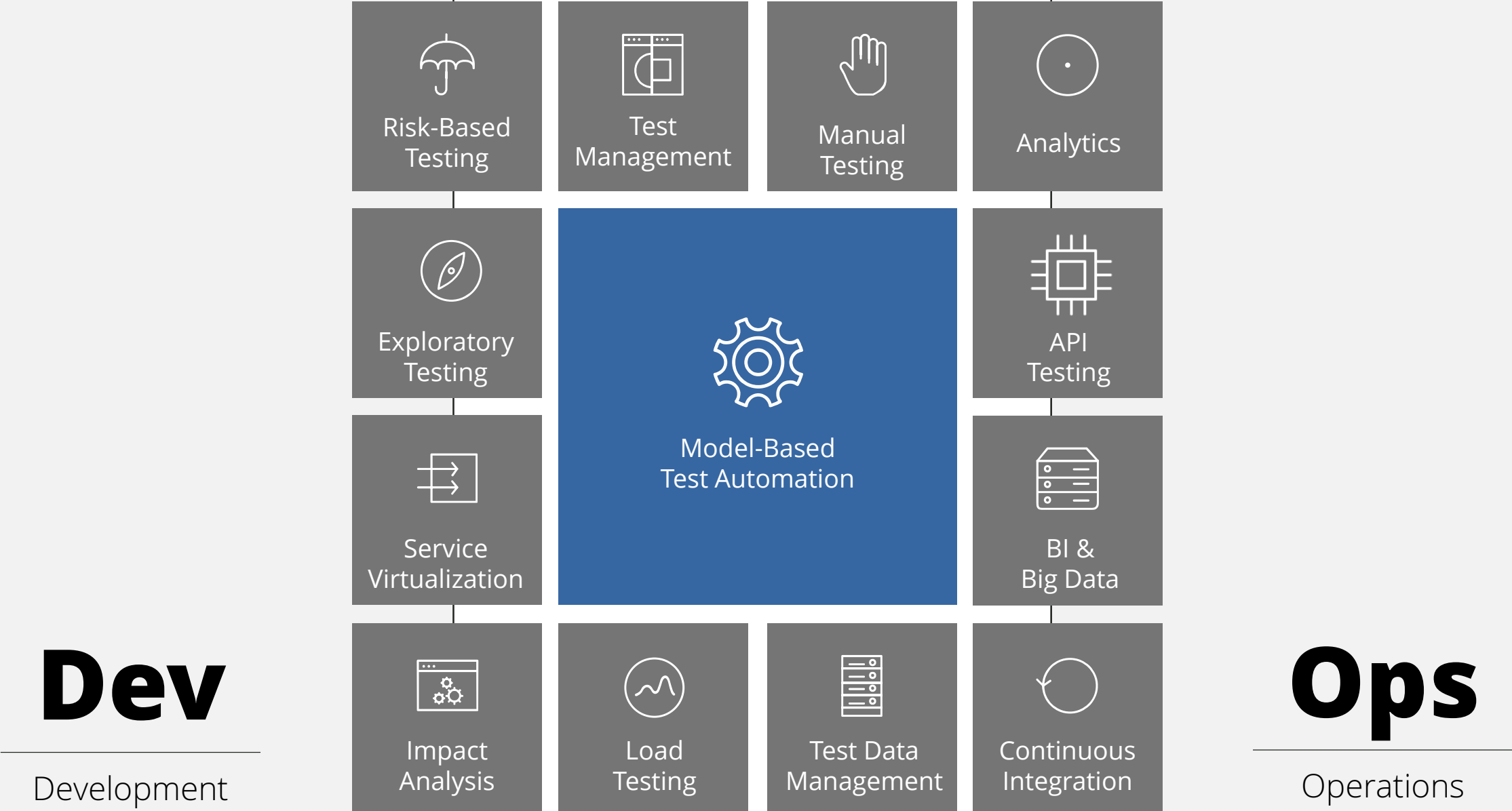
Professional Test Data Management –
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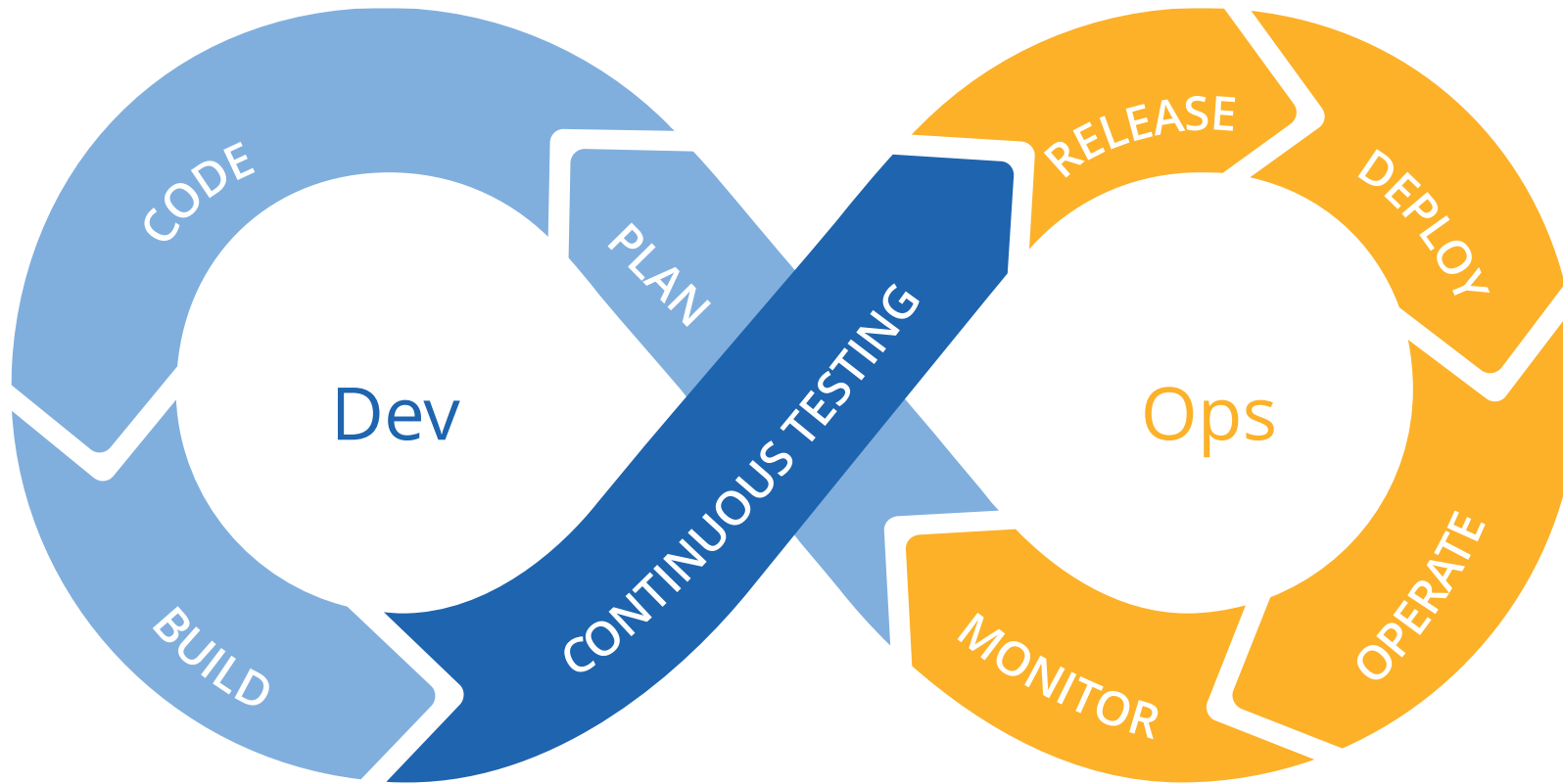
4

Tosca - Test Data Management, powered by Q-up:
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81%
of **enterprises** have adopted or plan to
adopt DevOps.

rightscales.com/blog/cloud-industry-insights/new-devops-trends-2016-state-cloud-survey

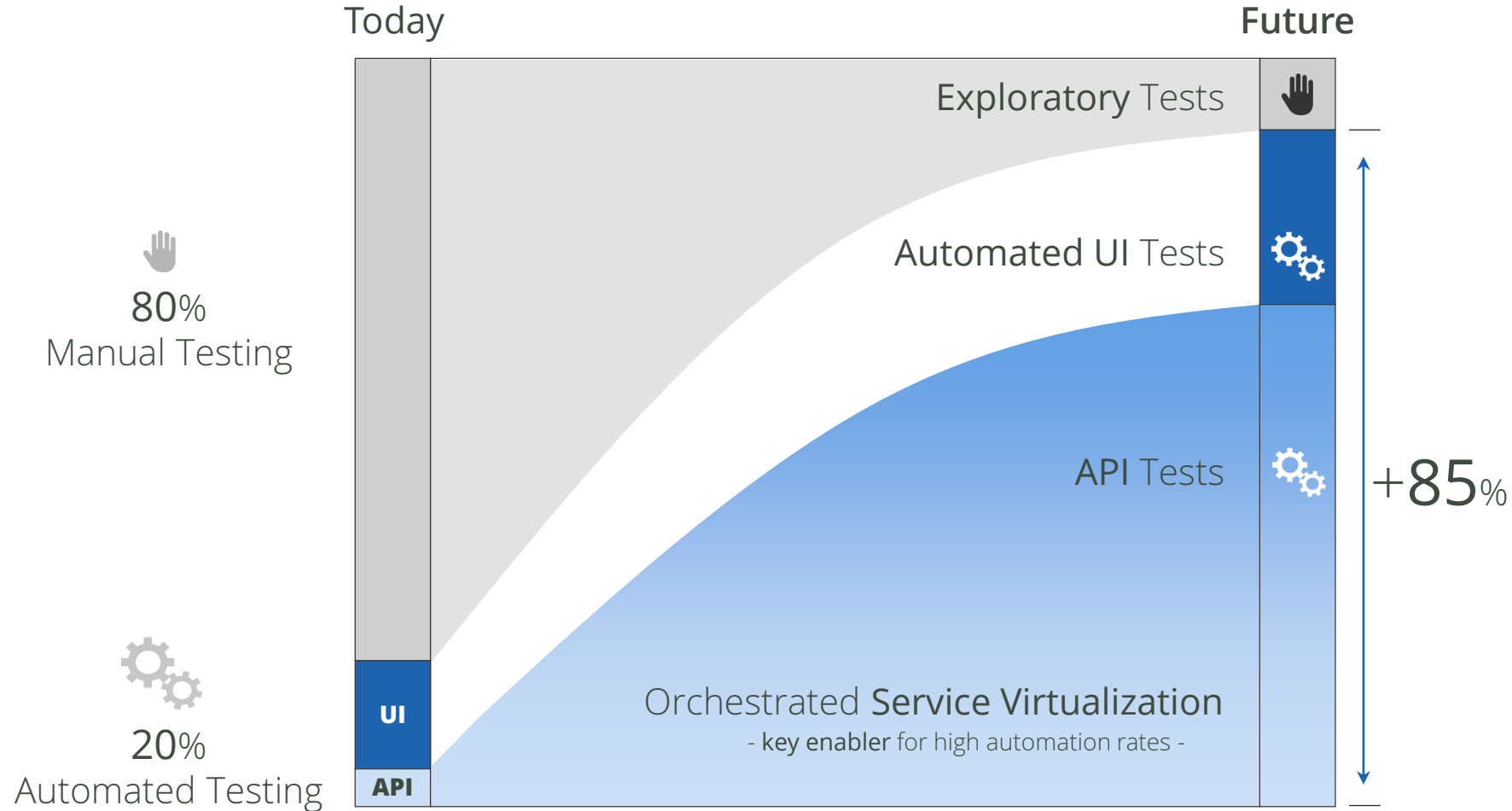




DevOps is all about **Continuous Testing!**

<http://devops.com/2015/02/02/devops-continuous-testing/>

Continuous Testing requires Automation



Agenda



GDPR – a blessing in disguise



DevOps – Test automation is the key

3

Professional Test Data Management –
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4

Tosca - Test Data Management, powered by Q-up:
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3 nightmares of test automation

1 **Maintenance** trap ... you need to provide MBTA
... for all interfaces, E2E systems & APIs



2 **Test Data Management**
... needs to be stateful, fully integrated



3 **Test System Provisioning** ... Service Virtualization
... especially for complex enterprise landscapes



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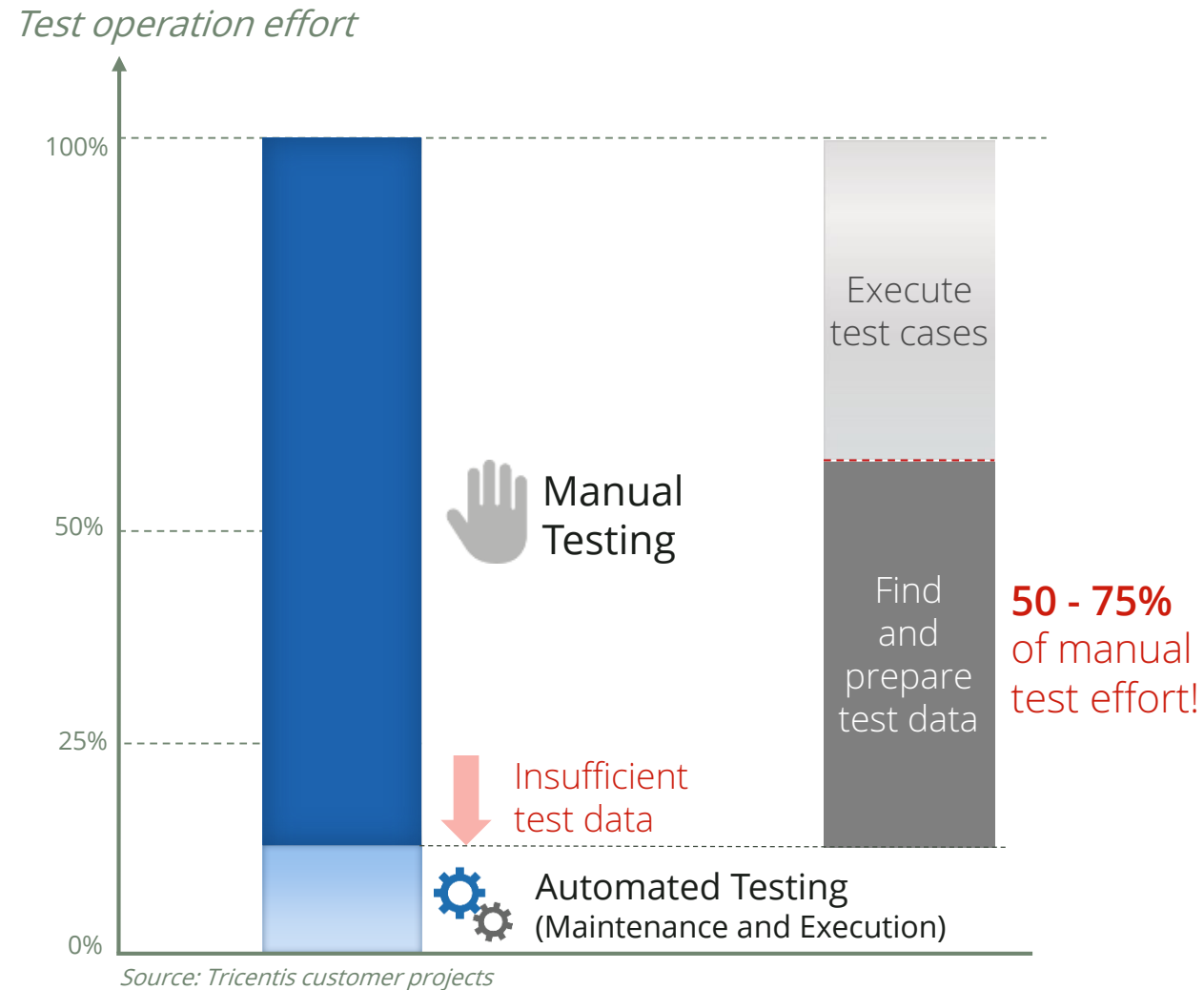
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How BIG a problem is this?



Agenda



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Tosca - Test Data Management, powered by Q-up:
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Test Data Management



Test Data Management

Provide **stateful test data (object) management**
Seamlessly **integrated** into **test case design & execution**

Integrated ↑↓

Test Data Provisioning



Synthetic Test Data

Create test data
on demand

Test Data Management



Test Data Management

Provide **stateful test data (object) management**
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Integrated



Synthetic Test Data

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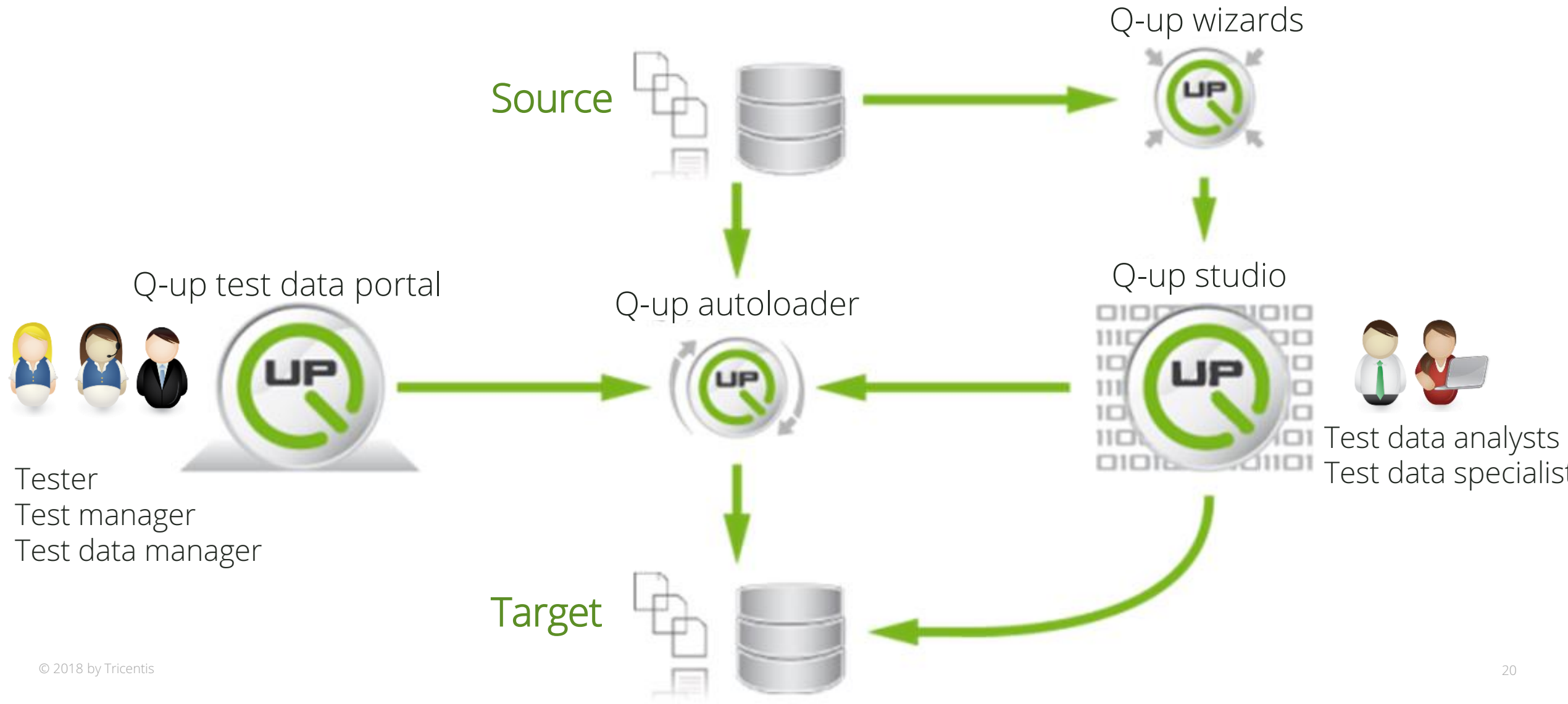
Masked Production Data

Extract & mask data
irreversibly & deterministic

Integrated

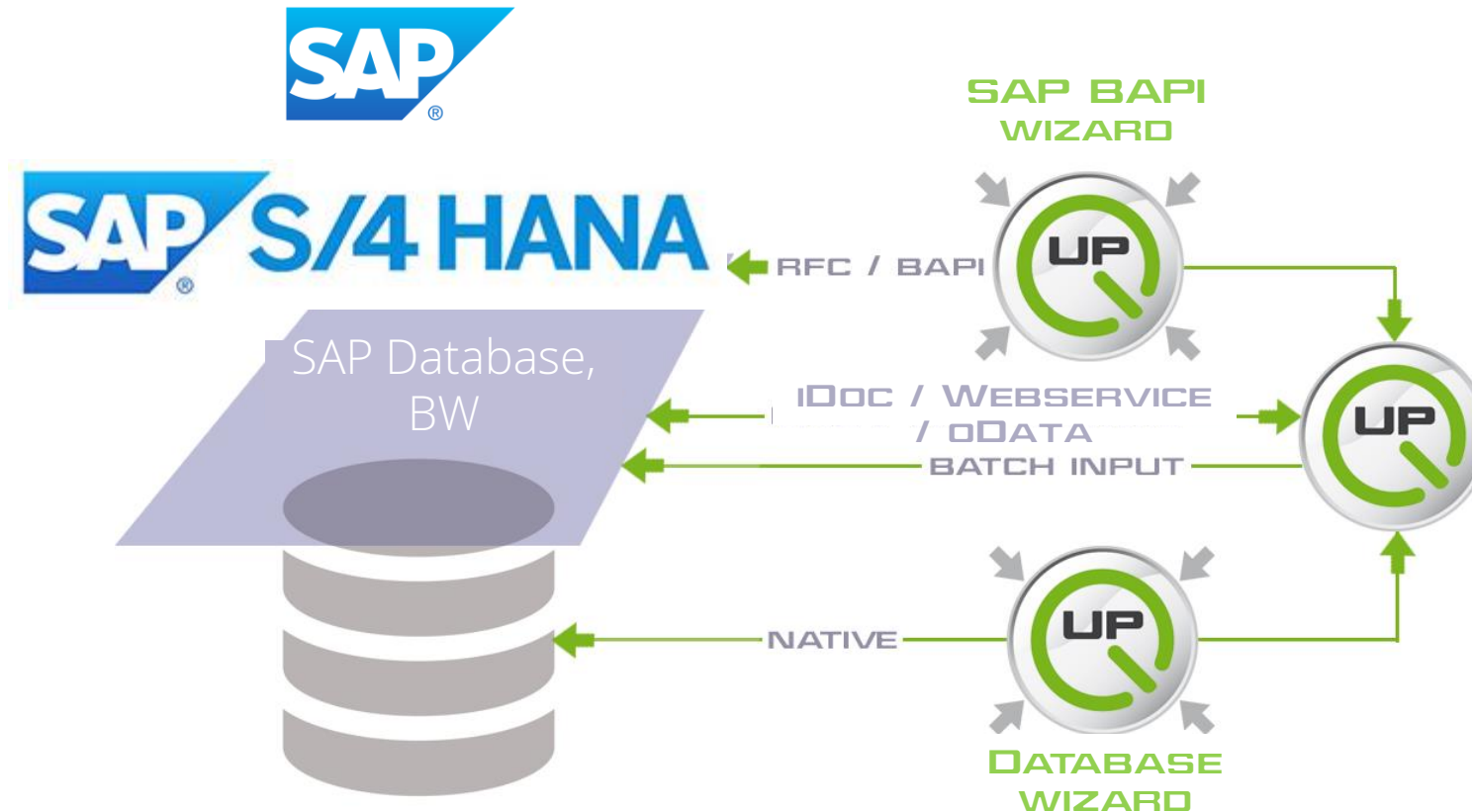
Test Data Provisioning

Q-up: tailored test data on demand



Q-up Wizards

Save time & costs using the database- and the SAP BAPI-wizards



Capabilities

	Tricentis	Tosca	TDM
Synthetic Data Creation	●		
Masking/Anonymization	●		
Subsetting	●		
Stateful tracking	●		
Self Service Test Data Portal	●		
Scalability and Distribution	●		
Identify Test Data Need	●		

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The **Tricentis Tosca Test Data Management** offering is a **complete and comprehensive TDM solution!**

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